

# EM2510

# NT

SERVO-ELECTRIC  
TURRET PUNCH  
PRESS



Amada's all new servo-electric turret punch press, the EM2510NT, with its revolutionary AC Servo Direct Twin Drive System, will boost your productivity, increase throughput and lower costs.

The EM2510NT delivers

- High productivity with slug pull protection
  - 500 HPM on 1" centers—world's highest hit rate!
  - Power Vacuum slug pull protection system!
- Up to 50% documented cost reduction over conventional turret presses
- Connectivity with your entire shop through the machine's NT-based controller—instantly access part programs, multi-media help files and production schedules

***Introducing the world's first  
AC Servo Direct  
Twin Drive System!***



# EM2510

# NT SERVO-ELECTRIC TURRET PUNCH PRESS

## EM2510NT STANDARD FEATURES

- High speed punching—newly designed AC servo direct twin drive improves hit rate, 500 HPM on 1" centers and 1800 SPM marking system
- 100" X-axis table can process 8' sheets without repositioning, reducing process time and improving accuracy
- Energy-saving design levels out power consumption, reducing it by up to 60% compared to conventional machines
- Higher positioning speed improves productivity
- Brush table design provides scratch-free processing, eliminating secondary finishing, and also minimizes noise during positioning
- Free-standing, PC-based network CNC Control allows for flexible layout
- Increased turret feed clearance—.984" accepts higher forming process
- Large turret, 45 station, 4 auto-index standard, reduces setup
- Power vacuum slug pull system (patent pending) virtually eliminates slug pull concerns (see chart below)

Power Vacuum System Virtually Eliminates Slug Pulling Test Results		
Material	Without Power Vacuum Die Penetration (0.100") Mat'l Thickness (0.040")	With Power Vacuum Die Penetration (0.040") Mat'l Thickness (0.040")
Mild Steel	0.0% (0/10010 hits)	0.0% (0/10010 hits)
AL 5052	1.05% (105/10010 hits)	0.0% (0/10010 hits)
AL 5052 with Blue Vinyl	2.94% (294/10010 hits)	0.0% (0/10010 hits)
SUS430	1.01% (101/10010 hits)	0.0% (0/10010 hits)
SUS430 with Blue Vinyl	2.71% (271/10010 hits)	0.05% (5/10010 hits)
SUS430 with White Vinyl	4.97% (497/10010 hits)	1.19% (119/10010 hits)

## Free-Standing CNC Control

PC-based Windows© control

Network compatible

RS-232 port

Retractable keyboard



## Technical Specifications

HPM	500 HPM (0.197" stroke & 1" pitch) 780 SPM (0.197" stroke & 0.040" pitch) 1800 SPM (0.197" pitch marking)
Turret	45 Station 4 A/I (58 St. 2 A/I optional)
Slide Type Die Holder	Standard
Feed Clearance	0.984"
Press Capacity	22 U.S. Tons (20 Metric)
AMNC-F (Fanuc) Controller	Network support and job input by bar code
Sheet Size (without reposition)	50" x 100"
Axis Speed	X-Axis : 3950"/min. Y-Axis : 3150"/min.
Brush Table	Standard

## Standard Accessories

- Tool balancer
- Tool alignment jig
- Air Blow system (V-EX)
- Work jamming sensor
- Vacuum die holder (1/2", 1 1/4")



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